

**To:** Matt Francis[m.francis@erllc.com]  
**From:** Way, Steven  
**Sent:** Wed 4/8/2015 9:10:28 PM  
**Subject:** RE: Rough Estimate RnB

Yes, for some reason having the OT to the right always screws me up – usually I catch my oversight though.

As far as timing – that looks reasonable; other than the front end set up – hopefully less is needed.

I have an idea on the build-up of the pond berms. How about we use the heavy / coir logs (i.e., the same type in the drainage by the culverts) to raise the berms with a geotextile overlay. If needed, we use 3 in a tripod set up.

Steven Way

Federal On-Scene Coordinator

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**From:** Matt Francis [mailto:m.francis@erllc.com]  
**Sent:** Wednesday, April 08, 2015 2:37 PM  
**To:** Way, Steven  
**Subject:** RE: Rough Estimate RnB

I thought we looked at that wood last year and determined it wasn't a problem. I know the lady from FS or BOR or wherever whined at me about it, but I thought we decided no big deal other than documenting at the most. I'm pretty sure you even told me to clean it up if we had a chance last year. Glad we didn't if it is really a problem.

I have 48 days, same as yesterday (see below). You must not be seeing the additional 160hrs of OT. I have 1.5 lab and 1.5 op at RnB because I think one of the laborers will be an operator at times there, but not likely at GK. I'm also thinking that if everything goes well it will be the same 5 (me plus 4) for both jobs, unless we too much concurrent work and need the extra 2 to cover both sites. Regardless, we have duplicated labor hours and per diem costs in these two "stand alone" estimates. I have 1000hrs between the two – that isn't happening in an 8 week period. So, we maybe we can do a labor spilt estimate and reduce the cost of both assuming some minimal risk that only one TO goes through and we're short or leave it like it is for contingency \$?

From yesterday's email:

Mobe/pond const/water treatment set up/access road improvement, etc – 10 days

Support mucking – 6 days

Support underground const - 24 days

Site restoration/demobe 8 days

**From:** Way, Steven [<mailto:way.steven@epa.gov>]

**Sent:** Wednesday, April 08, 2015 2:23 PM

**To:** Matt Francis

**Subject:** RE: Rough Estimate RnB

Matt,

So, the personnel between the two (GK and Rn B) is 7 not including the RM, and that's probably fine you have 1.5 labors on R n B and 2 for GK – that's okay for now. Maybe you were figuring

more front end and backend ? However, your hours (320) is 32 days, which is less than mine. You thought 40 yesterday based on the need to return after the cure. So, I am misunderstanding?

Otherwise, we are very similar on equipment, duration, supplies.

The other items, I included a \$ amt for offsite disposal, which may be money spent making the onsite option work better.

We have a problem with going north to expand the pond; historically significant wood..... So, I have asked START to estimate what we can gain by raising the berms in the pond, and if need be make a shallow pond / cell at the lower end (beyond) the current one.

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**From:** Matt Francis [<mailto:m.francis@erllc.com>]  
**Sent:** Wednesday, April 08, 2015 1:34 PM  
**To:** Way, Steven  
**Subject:** Rough Estimate RnB

Take a look and let me know what you think. I added items at bottom without a cost that are ? at this time. I kept crew same as GK which is same as what we had last year at RnB. As long as you still plan on having START assist with treatment, I think we can stay with me plus 4 to do both jobs. If we have both GK and RnB operational at same time we'll probably need to add 1 or 2 to support both.

Matt Francis

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